

WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-1W

DATE 10/12/2020

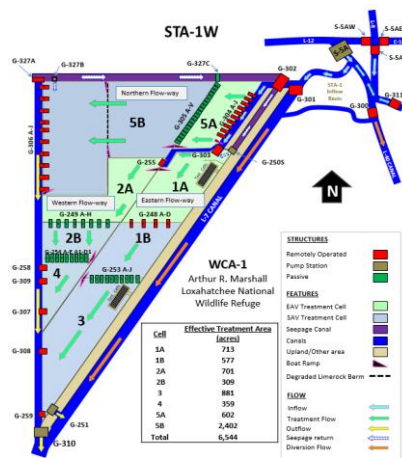
LATEST DATA

10/11/2020

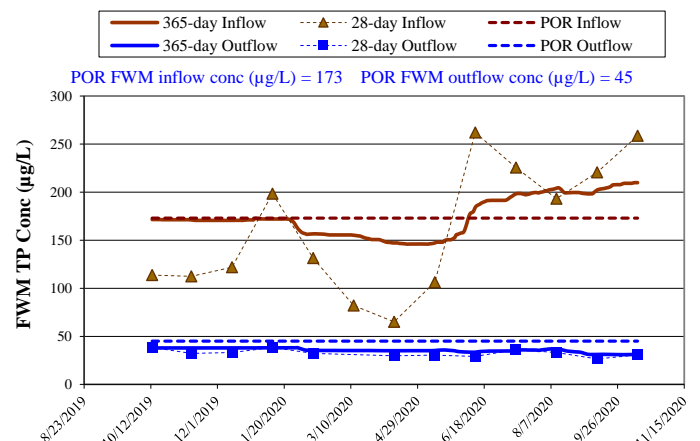
WY2021 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 238	Outflow: 31	Entire STA	W Flow-way	E Flow-way	N Flow-way
365-day Values		Inflow Volume (ac-ft)	175,645	41,475	54,063	93,328	
		Inflow Load (kg)	45,468	9,421	11,963	24,079	
		Inflow Flow-weighted Mean Conc (µg/L)	210	184	179	209	
		Outflow Volume (ac-ft)	169,660	39,334	62,447	100,504	
		Outflow Load (kg)	6,498	3,013	1,484	2,400	
		Outflow Flow-weighted Mean Conc (µg/L)	31	62	19	19	
365-day load reduction (kg)			38,969	6,408	10,479	21,679	
28-day Values		Inflow Volume (ac-ft)	16,656	4,589	8,210	5,085	
		Inflow Load (kg)	5,315	1,140	2,056	1,720	
		Inflow Flow-weighted Mean Conc (µg/L)	259	201	203	274	
		Outflow Volume (ac-ft)	21,017	4,107	10,778	7,075	
		Outflow Load (kg)	794	N/A	213	155	
		Outflow Flow-weighted Mean Conc (µg/L)	31	N/A	16	18	
7-day Values		Inflow Volume (ac-ft)	3,399	1,059	1,859	209	
		Inflow Flow-weighted Mean Conc (µg/L)	208	141	160	206	
		Outflow Volume (ac-ft)	3,749	770	2,375	806	
		Outflow Flow-weighted Mean Conc (µg/L)	36	N/A	16	17	
365-day Phosphorus Loading Rate (g/m ² /yr)			1.8	1.8	1.4	2.1	
6-month trend in outflow TP concentration (- means decrease; µg/L)			-4	-5	-6	-6	
Redirection to STA-1E over the last 365 days		Volume (ac-ft)	75	Load (kg)	10	Conc (µg/L)	111
Redirection to S-5AS over the last 365 days		Volume (ac-ft)	171,266	Load (kg)	38,424	Conc (µg/L)	182

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

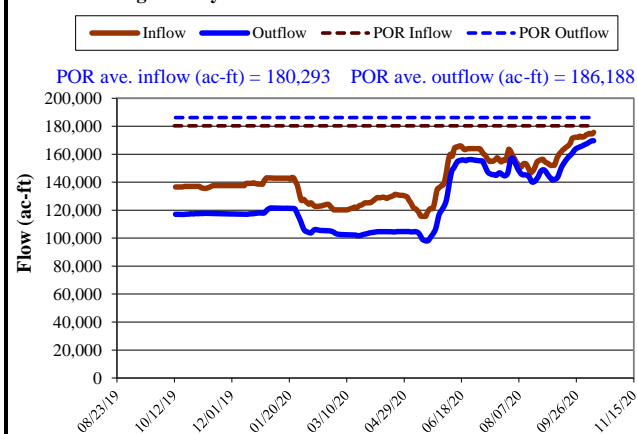
W Flow-way	E Flow-way	N Flow-way
On-line	On-line	On-line
		Online with restrictions due to STA-1W Expansion #1 startup activities.



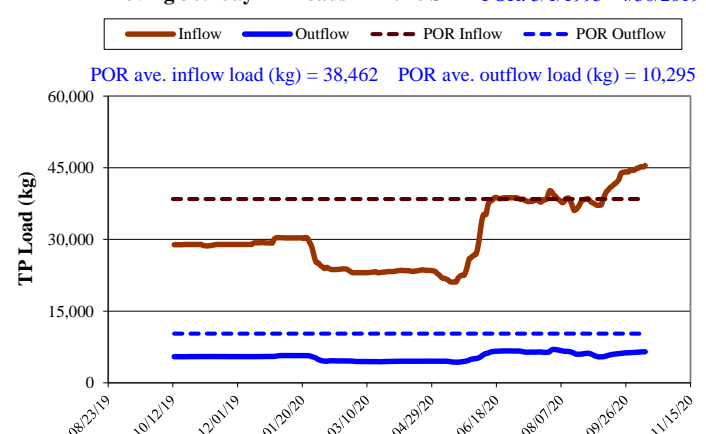
Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/1995 - 4/30/2019



Moving 365-day Flows - Entire STA POR: 5/1/1995 - 4/30/2019



Moving 365-day TP Loads - Entire STA POR: 5/1/1995 - 4/30/2019



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-2

DATE 10/12/2020

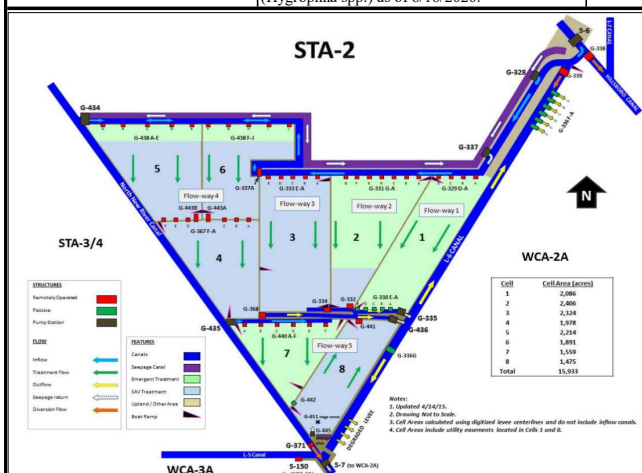
LATEST DATA

10/11/2020

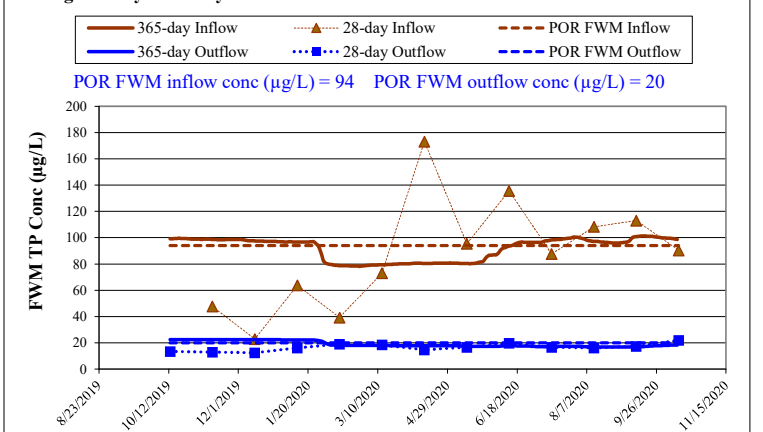
WY2021 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 110	Outflow: 19	Entire STA	Flow-way 5	Flow-way 4	Flow-way 3	Flow-way 2	Flow-way 1
365-day Values	Inflow Volume (ac-ft)			310,452	7,207	72,816	30,299	176,543	46,432
	Inflow Load (kg)			37,793	347	7,805	4,362	17,337	4,981
	Inflow Flow-weighted Mean Conc (µg/L)			99	39	87	117	80	87
	Outflow Volume (ac-ft)			356,212	11,292	95,461	49,283	157,751	54,701
	Outflow Load (kg)			8,057	141	1,463	1,048	5,652	761
	Outflow Flow-weighted Mean Conc (µg/L)			18	10	12	17	29	11
365-day load reduction (kg)				29,736	206	6,342	3,314	11,685	4,220
28-day Values	Inflow Volume (ac-ft)			63,926	no flow	15,499	83	49,385	8,095
	Inflow Load (kg)			7,134	no flow	1,528	8	5,286	880
	Inflow Flow-weighted Mean Conc (µg/L)			90	no flow	80	80	87	88
	Outflow Volume (ac-ft)			79,533	1,240	20,777	2,476	44,993	11,100
	Outflow Load (kg)			2,159	13	250	50	2,410	120
	Outflow Flow-weighted Mean Conc (µg/L)			22	8	10	16	43	9
7-day Values	Inflow Volume (ac-ft)			10,525	no flow	149	no flow	10,468	729
	Inflow Flow-weighted Mean Conc (µg/L)			85	no flow	82	no flow	86	93
	Outflow Volume (ac-ft)			14,974	169	1,986	325	10,601	2,489
	Outflow Flow-weighted Mean Conc (µg/L)			20	9	12	17	47	7
365-day phosphorus loading rate (g/m ² /yr)				0.6	0.03	0.3	0.5	1.8	0.7
6-month trend in outflow TP concentration (- means decrease; µg/L)				1	-2	-1	-11	7	1

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

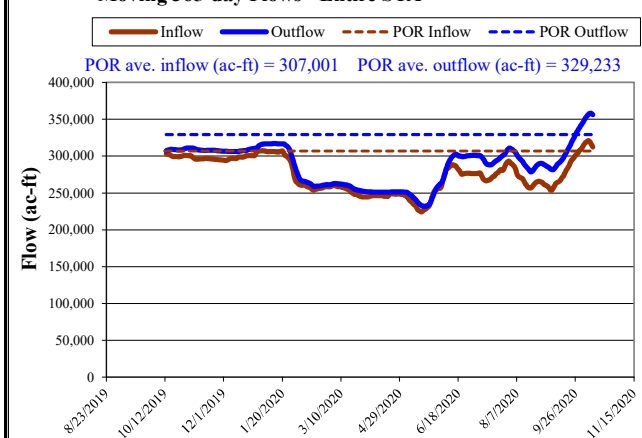
Flow-way 5	Flow-way 4	Flow-way 3	Flow-way 2	Flow-way 1
On-line	On-line	On-line	On-line	On-line
	On-line with restrictions for vegetation managements activities starting on 10/28/2019, and additional vegetation management activities (Hygrophila spp.) as of 6/16/2020.	Online with restrictions for vegetation rehabilitation activities starting on 05/21/2019.		



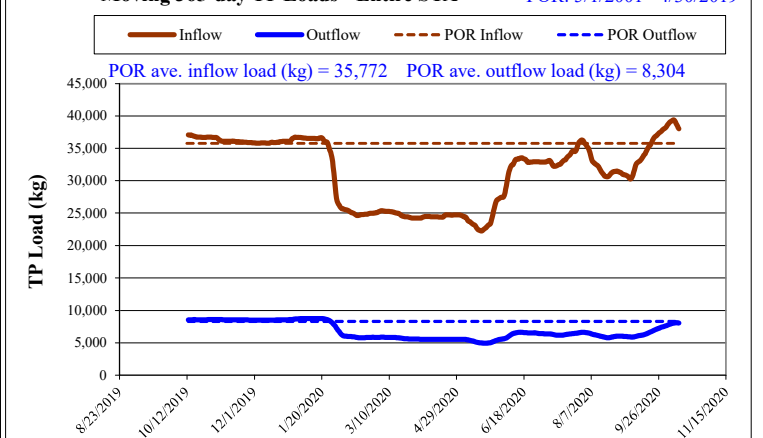
Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/2001 - 4/30/2019



Moving 365-day Flows - Entire STA POR: 5/1/2001 - 4/30/2019



Moving 365-day TP Loads - Entire STA POR: 5/1/2001 - 4/30/2019



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-3/4

DATE 10/12/2020

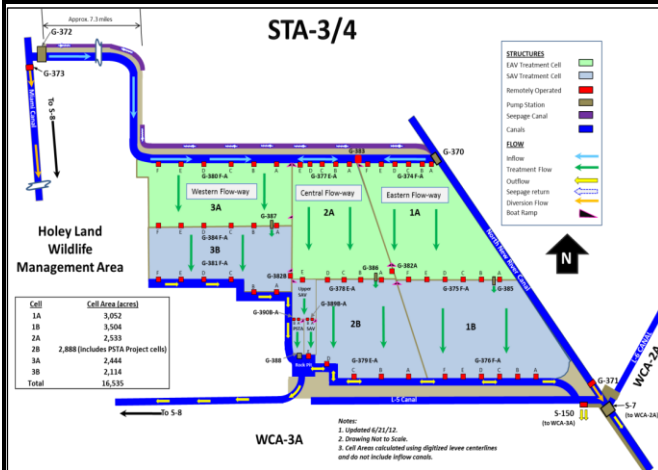
LATEST DATA

10/11/2020

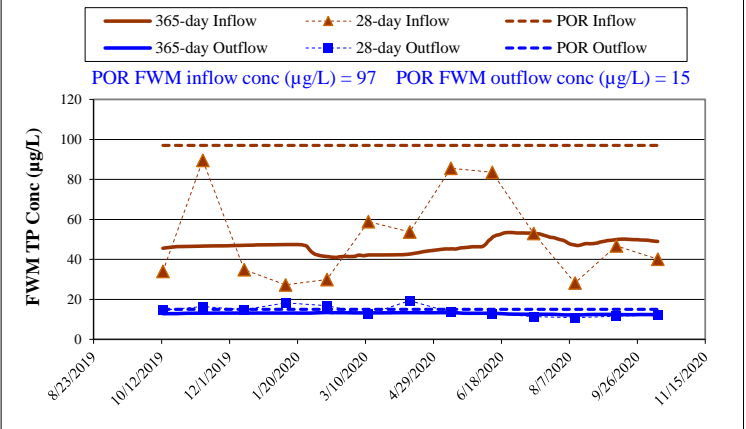
WY2021 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 47	Outflow: 12	Entire STA	W Flow-way	C Flow-way	E Flow-way
365-day Values		Inflow Volume (ac-ft)	439,516	209,292	125,403	104,821	
		Inflow Load (kg)	26,546	11,537	10,196	4,813	
		Inflow Flow-weighted Mean Conc (µg/L)	49	45	66	37	
		Outflow Volume (ac-ft)	420,630	192,743	122,125	105,763	
		Outflow Load (kg)	6,401	2,858	2,003	1,540	
		Outflow Flow-weighted Mean Conc (µg/L)	12	12	13	12	
365-day load reduction (kg)			20,145	8,679	8,193	3,273	
28-day Values		Inflow Volume (ac-ft)	58,617	43,824	580	14,213	
		Inflow Load (kg)	2,898	2,059	64	775	
		Inflow Flow-weighted Mean Conc (µg/L)	40	38	90	44	
		Outflow Volume (ac-ft)	56,714	36,219	3,105	17,391	
		Outflow Load (kg)	857	592	57	208	
		Outflow Flow-weighted Mean Conc (µg/L)	12	13	15	10	
7-day Values		Inflow Volume (ac-ft)	13,940	13,924	no flow	16	
		Inflow Flow-weighted Mean Conc (µg/L)	33	33	no flow	33	
		Outflow Volume (ac-ft)	12,151	11,203	232	716	
		Outflow Flow-weighted Mean Conc (µg/L)	11	11	12	9	
365-day Phosphorus Loading Rate (g/m ² /yr)			0.4	0.6	0.5	0.2	
6-month trend in outflow TP concentration (- means decrease; µg/L)			-1	-1	0	-1	

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

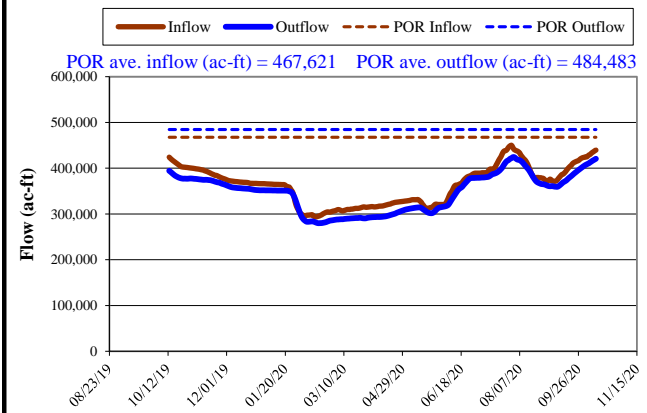
W Flow-way	C Flow-way	E Flow-way
On-line	On-line	On-line
Online with restrictions for vegetation rehabilitation activities starting on 05/11/2020, and additional vegetation management activities (Hygrophila spp.) as of 6/16/2020.	Online with restrictions for vegetation rehabilitation starting on 04/14/2020, and additional vegetation management activities (Hygrophila spp.) as of 6/16/2020.	Online with restrictions for vegetation rehabilitation activities starting on 03/23/2020, and additional vegetation management activities (Hygrophila spp.) as of 6/16/2020.



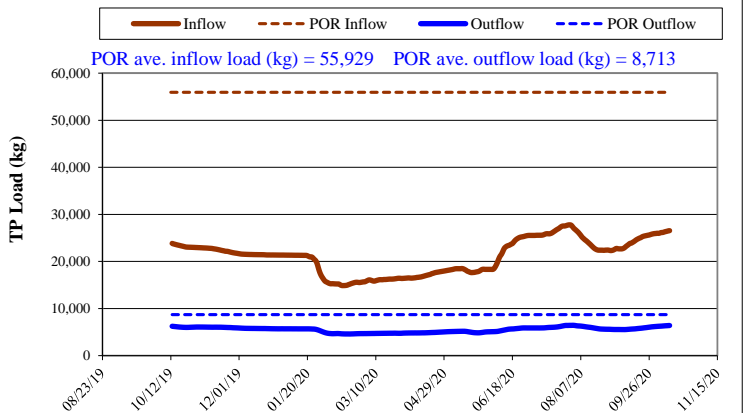
Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/2004 - 4/30/2019



Moving 365-day Flows - Entire STA POR: 5/1/2004 - 4/30/2019

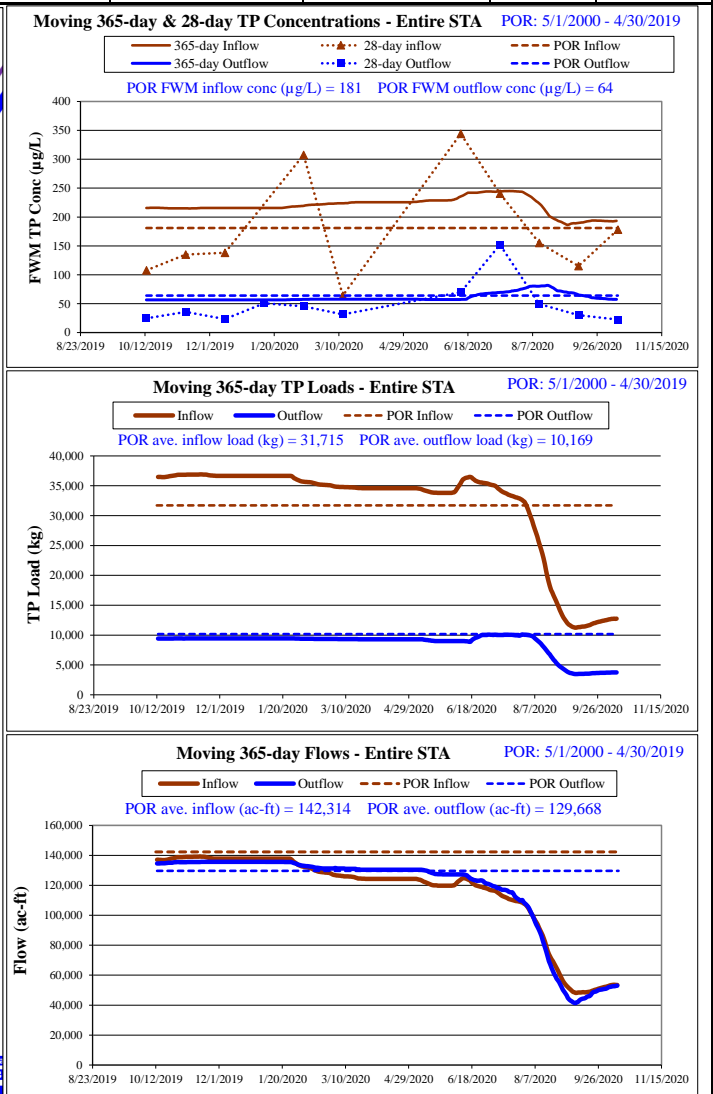
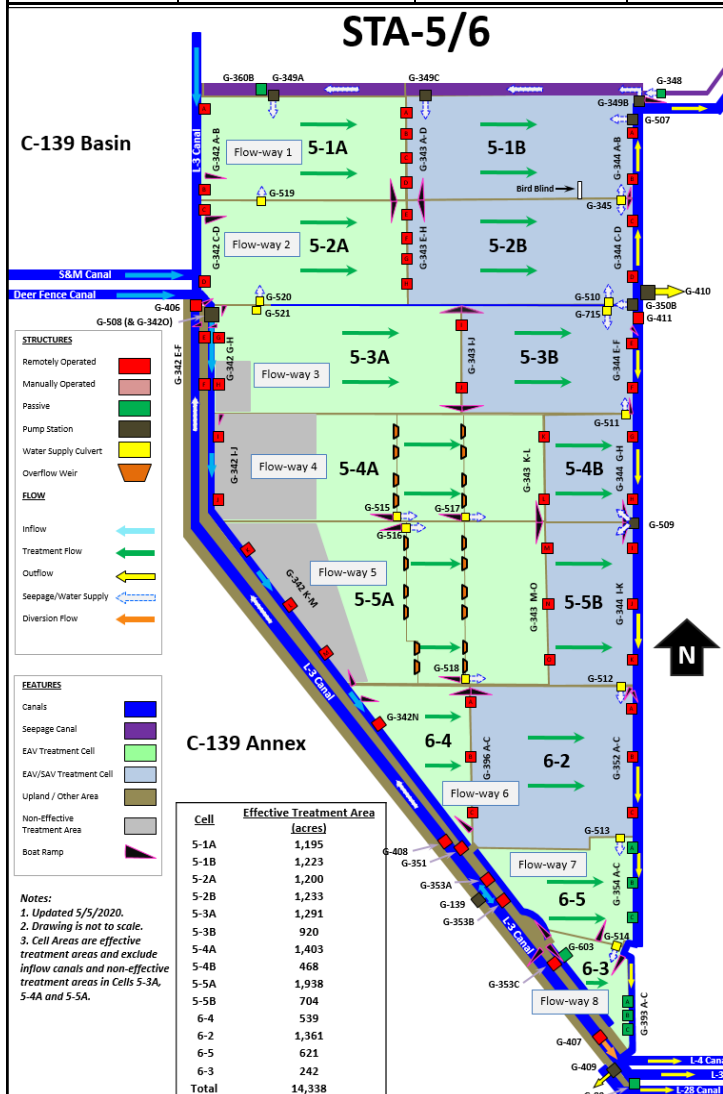


Moving 365-day TP Loads - Entire STA POR: 5/1/2004 - 4/30/2019



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WEEKLY STA PERFORMANCE SUMMARY											
PROJECT STA-5/6			DATE 10/12/2020			LATEST DATA					10/11/2020
WY2021 to Date Flow-weighted Mean Conc (µg/L) Inflow: 197 Outflow: 58			Entire STA	Flow-way 1	Flow-way 2	Flow-way 3	Flow-way 4	Flow-way 5	Flow-way 6	Flow-way 7	Flow-way 8
365-day Values	Inflow Volume (ac-ft)		53,504	18,807	no flow	150	16,246	16,484	2,830	1,142	141
	Inflow Load (kg)		12,759	3,734	no flow	26	4,229	4,209	498	409	23
	Inflow Flow-weighted Mean Conc (µg/L)		193	161	no flow	140	211	207	143	290	131
	Outflow Volume (ac-ft)		52,931	13,589	22	736	14,397	18,044	3,467	1,891	785
	Outflow Load (kg)		3,748	562	1	43	860	1,149	335	712	86
	Outflow Flow-weighted Mean Conc (µg/L)		57	34	45	47	48	52	78	305	89
365-day load reduction (kg)			9,011	3,172	no flow	-17	3,369	3,060	163	-303	-63
28-day Values	Inflow Volume (ac-ft)		8,228	3,073	no flow	no flow	3,019	2,553	no flow	92	no flow
	Inflow Load (kg)		1,808	748	no flow	no flow	655	505	no flow	34	no flow
	Inflow Flow-weighted Mean Conc (µg/L)		178	197	no flow	no flow	176	160	no flow	300	no flow
	Outflow Volume (ac-ft)		11,859	2,978	no flow	no flow	4,061	3,797	no flow	282	156
	Outflow Load (kg)		328.5	60	no flow	no flow	127	97	no flow	11	7
	Outflow Flow-weighted Mean Conc (µg/L)		22	16	no flow	no flow	25	21	no flow	32	36
7-day Values	Inflow Volume (ac-ft)		1,514	436	no flow	no flow	712	499	no flow	27	no flow
	Inflow Flow-weighted Mean Conc (µg/L)		163	207	no flow	no flow	188	158	no flow	300	no flow
	Outflow Volume (ac-ft)		1,027	no flow	no flow	no flow	393	557	no flow	37	34
	Outflow Flow-weighted Mean Conc (µg/L)		23	no flow	no flow	no flow	27	20	no flow	27	26
365-day phosphorus loading rate (g/m ² /yr)			0.2	0.4	N/A	N/A	0.6	0.4	0.1	0.2	0.0
6-month trend in outflow TP concentration (- means decrease; µg/L)			0	3	-27	-20	10	34	-48	125	-11
Inflows to Rotenberg over the last 365 days			Volume (ac-ft)	16,666	TP Load (kg)	441	TP Conc (µg/L)	21			
Flow-Way Information (Research projects, stage-duration, vegetation, etc.)											
Flow-way 1	Flow-way 2	Flow-way 3	Flow-way 4	Flow-way 5	Flow-way 6	Flow-way 7	Flow-way 8				
On-line	On-line	On-line	On-line	On-line	On-line	On-line	On-line	On-line	On-line	On-line	
	Online with restrictions following Restoration Strategies project as of 12/23/2019.	Online with restrictions following Restoration Strategies project as of 12/23/2019.									



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